REMARKS

One feature of this invention is directed to transmitting pulse signals above a hidden source of acoustic signals, receiving resultant pulse signals from the intersection of the transmitted pulse signals and the acoustic signals, and detecting the presence of the hidden source by operation of a detector operative for comparing the phases of successive resultant pulse signals to obtain phase differences, and accumulating the phase differences for subsequent successive pulse signals to obtain an output signal indicative of the presence of the hidden source. This feature has now been recited with more particularity in new independent claims 69 and 71 which correspond to rejected independent claims 43 and 52.

No new issues are being raised by new independent claims 69 and 71 since they basically include subject matter from allowed claims 61-62 and 65-66.

As previously acknowledged, the principal reference, Caron, relates to a system using a continuous wave laser. No pulse signals are transmitted. No resultant pulse signals are received. The phases of successive resultant pulse signals are not compared to obtain phase differences. The phase differences for subsequent successive pulse signals are not accumulated.

The secondary references, Allen and Harris, do teach pulsed laser systems, albeit not in the field of remote sound detection. In any event, neither Allen nor Harris discloses the comparison of phases of successive resultant pulse signals, or the accumulation of phase differences.

Allowance of claims 69-72 is respectfully requested.

Wherefore, a favorable action is earnestly solicited.

Respectfully submitted,

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